

## Rymer, Edwina

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**From:** Dorsey, Nancy  
**Sent:** Thursday, April 16, 2015 9:55 AM  
**To:** Dellinger, Philip; Gillespie, David  
**Subject:** FW: Possible Discremination against Asian Petroleum Engineers by UIC in Oklahoma.  
**Attachments:** induced-seismicity-201502.pdf

This primarily a no authority response, but we need your input please! (Phil asked me to forward this.)

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**From:** Johnson, Ken-E  
**Sent:** Tuesday, April 14, 2015 3:51 PM  
**To:** Dorsey, Nancy; Dellinger, Philip; Graves, Brian  
**Subject:** FW: Possible Discremination against Asian Petroleum Engineers by UIC in Oklahoma.

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**From:** Araya Vann [<mailto:A.Vann@occemail.com>]  
**Sent:** Tuesday, April 14, 2015 3:44 PM  
**To:** Johnson, Ken-E  
**Cc:** [arayavann@yahoo.com](mailto:arayavann@yahoo.com)  
**Subject:** FW: Possible Discremination against Asian Petroleum Engineers by UIC in Oklahoma.

FYI-

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**From:** Araya Vann  
**Sent:** Tuesday, April 14, 2015 3:22 PM  
**To:** 'recruit\_inquiries@epa.gov'  
**Cc:** 'arayavann@yahoo.com'  
**Subject:** Possible Discremination against Asian Petroleum Engineers by UIC in Oklahoma.

According to EPA web-site, "Equal Opportunity" to any citizen of the U.S.A., with this statement, I have several questions to you:

- Since UIC – OKC is a program under EPA budget, and staff has received money and technical supporting from EPA.gov, are you consider that OCC-UIC is a part of EPA? If so, UIC-OCC team has to be abided by the same EPA's Rule? Am I right?
- According to the requirement of different multidiscipline staff for UIC program, EPA request map team, engineering team and others (geologist and/or hydrologist and others); however EPA does not request zoology team for UIC program, am I right?
- EPA has had knowledge on induced Seismicity since 1930s: The most famous early instance was in Wilmington, CA by produced oil without replacement of fluids into depleted porosities. Now in Oklahoma, we have SWD wells inject the produced water at approximate ~ 9000 feet depth, and the depth of earth quakes are about 32,000 feet. They have been studied this phenomena since 2011, and at the same time EPA sent Mr. Ken Johnson and Susie Lopez McKenzie to educate staff on UIC Permitting Toolbox, which including how to calculate the distance of injection well to faults. No one in UIC uses Engineering method, it is one of the main reasons that UIC has caused Oil and Gas industry to be under criticized by public.
- With the above events going on, UIC-OCC has promoted a Zoologist to be a manager for UIC. Outside engineers and two of Asian engineers for OCC did not have an opportunity to even apply for a job. **This is not an Equal Opportunity.**
- Do you think, will you open a contact job for a group of engineers to work on this project?

Best Regards,  
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